

TRANSPORTATION

Revolution

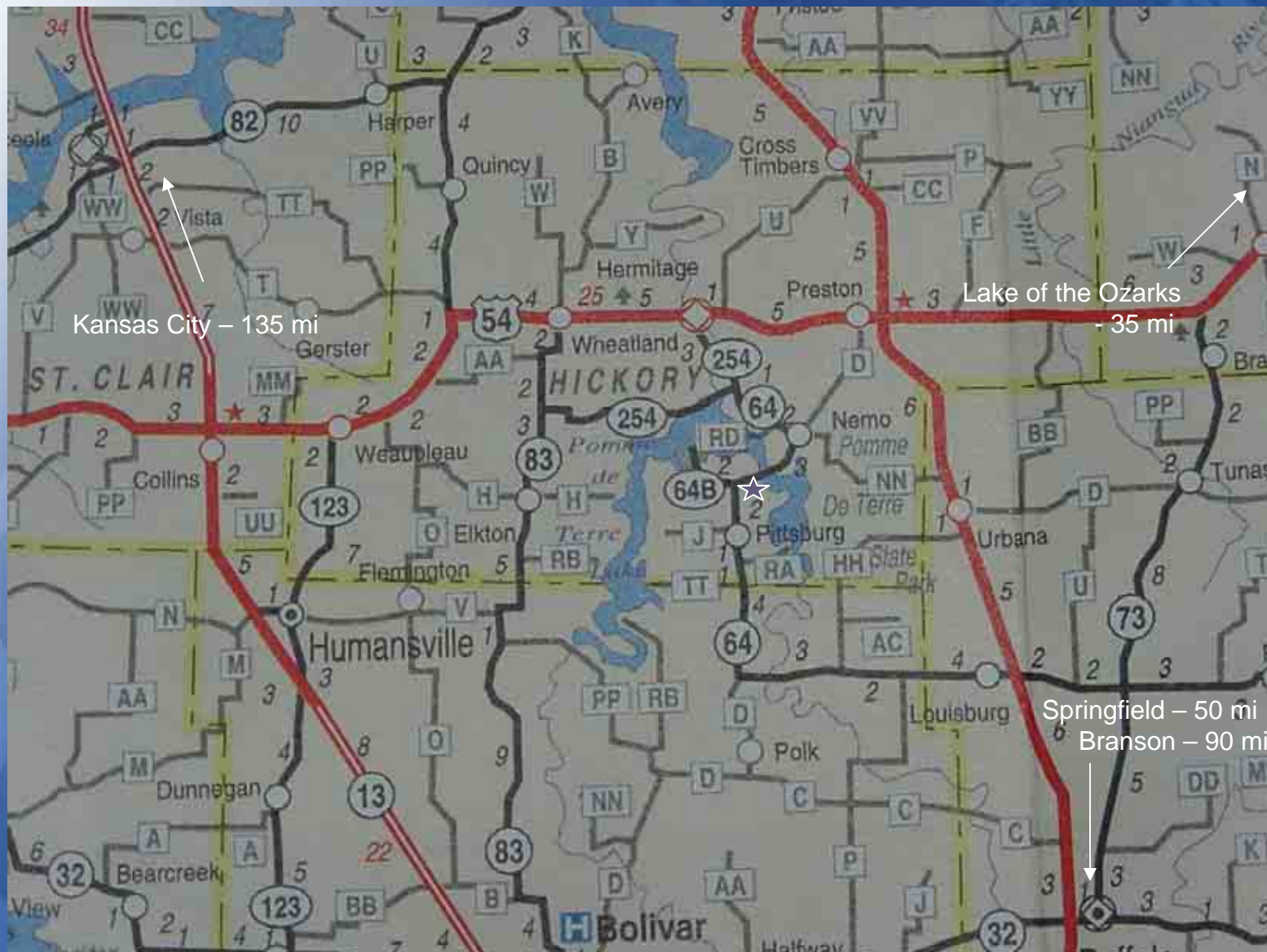
5 Mississippi Valley
Conference

Deck Replacement with Precast Concrete Segments

Thinking Outside the Box:
Re-Decking the Nemo Bridge

Nemo Bridge

- built in 1960 by the US Army Corps of Engineers over Pomme De Terre Lake
- 1698 ft. long steel wide flange
- 7" in. thick composite reinforced concrete deck
- over 60% of the deck concrete was delaminated at the rebar level



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16 Minute Video



**Thinking
Outside the Box**

**Re-Decking
the Nemo Bridge**

Pre-Cast Segments

- No traffic interruptions during the day or weekends
- Finished project in 1 season versus 2 years
- A wider, thicker, stronger deck expected to last 50 years

Questions:

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